Remarks

This amendment corrects a formal matter without changing the scope of the claims. In accordance with 37 C.F.R. §§ 1.825(a) and 1.825(b), the copy in computer readable form is the same as the substitute copy of the Sequence Listing and the substitute sheets include no new matter.

Applicants respectfully request that this Amendment be entered.

Support for the amendments to the Sequence Listing may be found in the specification and sequence listing as filed. The Sequence Listing has been amended as follows:

SEQ ID NO	Correction	Support
SEQ ID NO: 11	codon/aa No. 1 should be codon/aa No. -20	Support for the amendment can be found in SEQ ID NO: 9 and 10.
SEQ ID NO: 12	codon/aa No. 1 should be codon/aa No. -20	Support for the amendment can be found in SEQ ID NO: 9 and 10
SEQ ID NO: 15	codon/aa No. 1 should be codon/aa No. -7	Support for the amendment can be found in SEQ ID NO: 13 and 14.
SEQ ID NO: 16	codon/aa No. 1 should be codon/aa No. -7	Support for the amendment can be found in SEQ ID NO: 13 and 14.
SEQ ID NO: 19	The last Gly and the following 2 basic amino acid are not present in the mature peptide and have been deleted from the sequence.	Support for the amendment can be found in SEQ ID NO: 17; and at paragraph [0033] of the published application.
SEQ ID NO: 20	The last Gly and the following 2 basic amino acid are not present in the mature peptide and have been deleted from the sequence.	Support for the amendment can be found in SEQ ID NO: 17; and at paragraph [0033] of the published application.
SEQ ID NO: 93	The mature peptide should start at 62-( ) and not at 68-( ).	Support for the amendment can be found at paragraph [0083] of the published application; support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by

SEQ ID NO	Correction	Support
		aligning the Cys residues of the protein.
SEQ ID NO: 94	codon/aa No. -2 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 95	This sequence encodes the mature peptide and the codons (aag gaa) encoding the first two amino acids Lys Glu have been added.	Support for the amendment can be found in SEQ ID NO: 93 and 94, and in table 1.
SEQ ID NO: 96	This is the mature peptide and the amino acids Lys Glu have been added.	Support for the amendment can be found in SEQ ID NO: 93 and 94; and in table 1.
SEQ ID NO: 97	The mature peptide should start at 62-( ) and not at 68-( ).	Support for the amendment can be found at paragraph [0083] of the published application; support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by aligning the Cys residues of the protein.
SEQ ID NO: 98	codon/aa No. -2 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 99	This sequence encodes the mature peptide and the codons (aaa gaa) encoding the first two amino acids Lys Glu have been added.	Support for the amendment can be found in SEQ ID NO: 97 and 98; and in table 1.
SEQ ID NO: 100	This is the mature peptide and the first two amino acids Lys Glu have been added.	Support for the amendment can be found in SEQ ID NO: 97 and 98; and in table 1.

SEQ ID NO	Correction	Support
SEQ ID NO: 101	The mature peptide should start at 62-( ) and not at 65-( ).	Support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by aligning the Cys residues of the protein.
SEQ ID NO: 102	codon/aa No. -1 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 103	This sequence encodes the mature peptide and the codons (aag) encoding the first amino acid Lys have been added.	Support for the amendment can be found in SEQ ID NO: 101 and 102; and in table 1.
SEQ ID NO: 104	This is the mature peptide and the first amino acid Lys has been added.	Support for the amendment can be found in SEQ ID NO: 101 and 102; and in table 1.
SEQ ID NO: 105	The mature peptide should start at 62-( ) and not at 65-( ).	Support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by aligning the Cys residues of the protein.
SEQ ID NO: 106	codon/aa No. -1 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 107	This sequence encodes the mature peptide and the codons (aag) encoding the first amino acid Lys have been added.	Support for the amendment can be found in SEQ ID NO: 105 and 106; and in table 1.
SEQ ID NO: 108	This is the mature peptide and the first amino acid Lys has been added.	Support for the amendment can be found in SEQ ID NO: 105 and 106; and in table 1.
SEQ ID NO: 109	The mature peptide should start	Support for the amendment can

SEQ ID NO	Correction	Support
	at 62-( ) and not at 59-( ).	be found at paragraph [0083] of the published application; support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by aligning the Cys residues of the protein.
SEQ ID NO: 110	codon/aa No. 2 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 111	This sequence encodes the mature peptide and the extra codon (gca) encoding has been deleted.	Support for the amendment can be found in SEQ ID NO: 109 and 110; and in table 1.
SEQ ID NO: 112	This is the mature peptide and the extra amino acid Ala has been deleted.	Support for the amendment can be found in SEQ ID NO: 109 and 110; and in table 1.
SEQ ID NO: 121	The mature peptide should start at 62-( ) and not at 71-( ).	Support for the amendment can be found at paragraph [0085] of the published application; support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by aligning the Cys residues of the protein.
SEQ ID NO: 122	codon/aa No. -3 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 123	This sequence encodes the mature peptide and the codons (aag gac ggt) encoding the first	Support for the amendment can be found in SEQ ID NO: 121 and 122; and in table 1.

SEQ ID NO	Correction	Support
	three amino acids Lys Asp Gly have been added.	
SEQ ID NO: 124	This is the mature peptide and the first three amino acids Lys Asp Gly have been added.	Support for the amendment can be found in SEQ ID NO: 121 and 122; and in table 1.
SEQ ID NO: 125	The mature peptide should start at 62-( ) and not at 71-( ).	Support for the amendment can be found at paragraph [0085] of the published application; support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by aligning the Cys residues of the protein.
SEQ ID NO: 126	codon/aa No. -3 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 127	This sequence encodes the mature peptide and the codons (aag gac ggt) encoding the first three amino acids Lys Asp Gly have been added.	Support for the amendment can be found in SEQ ID NO: 125 and 126; and in table 1.
SEQ ID NO: 128	This is the mature peptide and the first three amino acids Lys Asp Gly have been added.	Support for the amendment can be found in SEQ ID NO: 125 and 126; and in table 1.
SEQ ID NO: 133	The mature peptide should start at 62-( ) and not at 71-( ).	Support for the amendment at paragraph [0085] of the published application; support for the starting position of the mature toxin can be found in table 1, column D; in addition the start can be ascertained by aligning the Cys residues of the protein.
SEQ ID NO: 134	codon/aa No. -3 should be codon/aa No. 1	Support for the amendment regarding the numbering of the first amino acid of the mature toxin can be found in table 1, column E. Specifically, the

SEQ ID NO	Correction	Support
		mature toxin beings with either a Lys or Arg, in addition the start can be determined by aligning the Cys residues of the toxin.
SEQ ID NO: 135	This sequence encodes the mature peptide and the codons (aag gac ggt) encoding the first three amino acids Lys Asp Gly have been added.	Support for the amendment can be found in SEQ ID NO: 133 and 134; and in table 1.
SEQ ID NO: 136	This is the mature peptide and the first three amino acids Lys Asp Gly have been added.	Support for the amendment can be found in SEQ ID NO: 133 and 134; and in table 1.

Entry of the above Amendment is respectfully requested.

Respectfully submitted,

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